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We claim:-

1. A composite element comprising (i) material based on wood, wood-like materials and/or wood substitute materials and (ii) thermoplastic polyurethane.
2. A composite element as claimed in claim 1, wherein (i) is a wood board or particle board.
3. A composite element as claimed in claim 1, wherein (ii) is a film or a film hinge containing thermoplastic polyurethane.
4. A composite element as claimed in claim 1, wherein the thermoplastic polyurethane (ii) is based on the reaction of (a) isocyanates with (b) compounds reactive toward isocyanates and having a molecular weight of from 500 to 8 000 g/mol and (c) chain extenders having a molecular weight of from 60 to 499 g/mol and if required, as chain terminators, monofunctional compounds reactive toward isocyanates, (d) catalysts and/or (e) conventional assistants.
5. A composite element as claimed in claim 4, wherein the thermoplastic polyurethane (ii) is based on the reaction of (a) hexamethylene diisocyanate with (b) compounds reactive toward isocyanates and having a molecular weight of from 500 to 8 000 g/mol and (c) chain extenders having a molecular weight of from 60 to 499 g/mol and if required, as chain terminators, monofunctional compounds reactive toward isocyanates, (d) catalysts and/or (e) conventional assistants.
6. A composite element as claimed in claim 1, wherein the thermoplastic polyurethane (ii) is applied onto and/or into the material (i) by means of injection molding.
7. A furniture carcass comprising a composite element as claimed in any of claims 1 to 6.
8. A door comprising a composite element as claimed in any of claims 1 to 6.

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9. A film hinge based on a thermoplastic polyurethane.

10. A process for the production of a composite element as
claimed in any of claims 1 to 6, wherein thermoplastic
5 polyurethane (ii) is applied by means of injection molding
onto and/or into a material based on wood, wood-like material
and/or wood substitute material.

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